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(e) adjusting a set of design parameters of the body until the load model center of gravity is located proximate the desired location for the load center of gravity on the chassis from step (a) and the volume of the three dimensional volumetric model is substantially similar to the desired volumetric capacity from step (b); and
(f) producing the body in accordance with the set of design parameters.

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14. (Amended) The invention according to claim 10 wherein the step of developing the three dimensional volumetric model of a load to be carried in the body includes modeling the corner voids of the hauled material.

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18. (Amended) The invention according to claim 1 wherein the step of developing the three dimensional volumetric model of a load to be carried in the body includes modeling the corner voids of the hauled material.